NRC 19th Annual Regulatory Information Conference (RIC)

2007 Final Program

March 13 – 15, 2007

Track 1	Operating Reactors	
Track 2	New Reactors	
Track 3	Stakeholder Communications	
Track 4	Reactor Research	
Track 5	Risk-Informed Activities	
Track 6	Security, Emergency Preparedness, Fuel Cycle	
Track 7	Regional	

Tuesday, March 13, 2007

7:00 am – 5:00 pm Grand Ballroom Foyer		Registration
8:00 am – 5:00 pm Lower Level		Internet and Print Center
11:00 am – 5:30 pm Lower Level		NRC Headquarters Operations Center Tours (registration required) **Please note that the tour shuttle will depart on the Lower Level entrance ten (10) minutes prior to your scheduled tour time.*
9:00 am – 11:00 am Grand Ballroom		**Opening Session** - **Welcome and Introductions** - Jim Dyer, Director, NRC/NRR, and Luis A. Reyes, Executive Director for Operations, EDO/NRC **Keynote Address**: *Regulating in the Nuclear Renaissance* Chairman Dale E. Klein, Ph.D. - **Director's Panel** - Luis A. Reyes, NRC/EDO, Jim Dyer, NRC/NRR, Brian Sheron, NRC/RES, R. William Borchardt, NRC/NRO, Roy Zimmerman, NRC/NSIR, Jack R. Strosnider, NRC/NMSS, Charles Miller, NRC/FSME
11:00 am – 12:30 pm Grand Ballroom Foyer		Lunch Break and Poster Presentations and Table Top Displays
12:30 pm – 1:30 pm Grand Ballroom		**Commissioner Plenary** *Challenges Facing NRC,* Commissioner Edward McGaffigan, Jr.

1:30 pm – 3:00 pm White Flint Amphitheater	**Fire Protection – Successes and Challenges with Improving Industry Performance** Track 1 – Operating Reactors This session will be a discussion of the technical issues, challenges, and activities associated with the resolution of fire protection issues that are pivotal to the industry in moving forward with improvements. Topics to be addressed during the session includes: operator manual actions, circuit analysis, NFPA 805 implementation, and fire barriers. **Session Chair:** Michael Tschiltz, NRC/NRR **Panelists:** - *Fire Protection Initiatives,* Michael Tschiltz, NRC/NRR - *Fire Protection: Current Status and Future Plans*, Sunil Weerakkody, NRC/NRR - *Musings on Fire Protection*, Alex Marion, Nuclear Energy Institute (NEI) - *Fire Protection: When is an Order not an Order?*, Paul Gunter, Nuclear Information and Resource Service - *NFPA 805 Transition Experience*, James Masterlark, Nuclear Management Company **Session Contact:** Peter Barbadoro, NRC/NRR, tel: (301) 415-3482 e-mail: PJB@nrc.gov
1:30 pm – 3:00 pm Salons B and C	**New Reactor Organization and Applications: Status and Plans** Track 2 – New Reactors The Energy Policy Act of 2005 spurred significant interest in new reactor licensing. The NRC is expecting to receive at least 20 combined license applications beginning in 2007. In response, the NRC has created the Office of New Reactors and is working with industry to develop a standardized, uniform, design-centered approach for new reactor applications. This session updates both the NRC's and industry's activities toward this effort, including progress, challenges, priorities, and lessons learned. **Session Chair:** David Matthews, NRC/NRO **Panelists:** - *New Reactor Organization and Applications: Status and Plans*, David Matthews, NRC/NRO - *Office of New Reactor's Organization Chart*, David Matthews, NRC/NRO - *AP1000 Design-Centered Work Group Status and Plans*, Peter Hastings, Duke Energy - *U.S. EPR COLA Status*, John Price, Constellation - *ESBWR Design Centered Working Group Status and Plans*, Eugene Grecheck, Dominion - *New Nuclear Plants: Industry Needs and Plans*, Adrian Heymer, Nuclear Energy Institute (NEI) - *NRO Preparation Activities in Support of New Reactor Licensing*, Stephanie Coffin, NRC/NRO **Session Contacts:** James Steckel, NRC/NRO, tel: (301) 415-1026 e-mail: JAS13@nrc.gov and Mark Kowal, NRC/NRO, tel: (301) 415-1663 e-mail: MXK7@nrc.gov

1:30 pm – 3:00 pm Salon A	**Thermal Hydraulics** Track 4 – Reactor Research The NRC is engaged in a wide range of thermal-hydraulics research and relies on an integrated research approach utilizing experimental results and analytical tools to provide the technical basis for sound regulatory decisions. Recent work done to support the licensing of advanced passive light water reactors is of particular interest. Experiments conducted at integral facilities (e.g., PUMA and ROSA) locally and abroad with international partners have provided key insights into the thermal-hydraulic phenomena of advanced passive plants and will be presented. In addition, computational fluid dynamics (CFD) calculations have provided enhanced understanding of heat transfer mechanisms in plant components such as steam generators and dry storage casks. The need to follow Best Practice Guidelines for CFD for both single-phase and multi-phase applications is essential and required to assess the feasibility and the validity of the CFD method and will also be presented. **Session Chair:** Christiana Lui, NRC/RES **Panelists:** - *OESD-NEA ROSA Program*, Shawn Marshall, NRC/RES - *Computational Fluid Dynamics: Best Practices Guidelines,* Ghani Zigh, NRC/RES - *PUMA Test Program* – Mamoru Ishii, Purdue - *PUMA Scaling Distortion Analysis*, Marcos Ortiz, ISL **Session Contact:** Kent Welter, NRC/RES, tel: (301) 415-5740 e-mail: KBW@nrc.gov
1:30 pm – 3:00 pm Brookside	**PRA Models, Methods, and Tools** Track 5 – Risk-Informed Activities The use of risk information to assist in decisionmaking continues to increase and place new demands on PRA models, methods, and tools. In addition to supporting decisionmaking for operating reactors, appropriate tools will be needed for new reactors. This session will cover the existing state of the art for PRA models, methods, and tools, and discuss ongoing and planned developmental activities. **Session Chair:** John Monninger, NRC/RES **Panelists:** - *Treatment of PRA Uncertainty and Alternative Programs*, Mary Drouin, NRC/RES - *NRC's Human Reliability Analysis Program*, Erasmia Lois, NRC/RES - *EPRI's PRA Research and Development*, Ken Canavan, Electric Power Research Institute (EPRI) - *Insights on PRA*, George Apostolakis, Massachusetts Institute of Technology - *Industry Views on PRA*, Rick Grantom, South Texas Project and ASME Risk Committee - *Industry Views on PRA*, Greg Krueger, Exelon Nuclear **Session Contact:** Lauren Killian, NRC/RES, tel: (301) 415-0029 e-mail: LAK@nrc.gov

1:30 pm – 3:00 pm Salons G and H		**Emergency Preparedness** Track 6 - Security, Emergency Preparedness, Fuel Cycle This session will address current enhancements in emergency preparedness from different perspectives including the latest Commissioners' direction related to emergency preparedness regulations and guidance along with new initiatives and lessons learned from recent security event-based drills and exercises. **Session Chair:** Nader Mamish, NRC/NSIR **Panelists:** - *Enhancements to Emergency Preparedness Regulations, Guidance and Research*, Kathryn Brock, NRC/NSIR, - *Apex HaZMat Incident*, Brian McFeaters, Wake County Emergency Mangement - *Integrated Emergency Planning Zones*, Aaron Ertel, St. Charles Homeland Security - *Integrated Security/EP Exercises*, Scott McCain, Exelon Nuclear **Session Contact:** Robert Moody, NRC/NSIR, tel: (301) 415-1737 e-mail: REM2@nrc.gov
1:30 pm – 3:00pm Salon F * - Panelist does not have formal presentations or handouts		**Sensitive Unclassified Non-Safeguards Information (SUNSI) Program** Track 3 – Stakeholder Communications This session will address Sensitive Unclassified Non-Safeguards Information (SUNSI). It will include the definition of SUNSI, the categories of SUNSI, a discussion of current issues with particular emphasis on protecting personally identifiable information (PII), and how to mark SUNSI documents for submission to the NRC. **Session Chair:** Kathryn O. Greene, NRC/OIS **Panelists:** - *Sensitive Unclassified Non-Safeguards Information (SUNSI) Program*, Russ Nichols, NRC/OIS - Catherine Holzle, NRC/OGC, Panelist Participant * - Kenny Nguyen, NRC/OIS, Panelist Participant * - Thomas Smith, NRC/OIS, Panelist Participant * **Session Contact:** Russ Nichols, NRC/OIS, tel: (301) 415-7169 e-mail: RAN2@nrc.gov
3:00pm – 4:00 pm Grand Ballroom		**Commissioner Plenary** *You Ain't Seen Nothing Yet,* Commissioner Jeffrey S. Merrifield
4:00pm – 5:30 pm Salons G and H		**Nuclear Sector Challenges** Track 3 – Stakeholder Communications As stated in the NRC Strategic Plan, the NRC views nuclear regulation as the public's business and, as such, it should be transacted openly and candidly in order to maintain the public's confidence. Public awareness of NRC's programs is increasing as a result of renewed interest in nuclear power generation and continued interest in ensuring protection of the public and the environment. This session is intended to encourage exchange of stakeholder views on the primary challenges currently facing the nuclear sector and how we should address these challenges. **Session Chair:** Michael Johnson, NRC/EDO **Panelists:** - *Informing External Stakeholders About Events*, David Lochbaum, Union of Concerned Scientists (UCS) - *Public Communications in the Internet Age,* Eliot Brenner, NRC/OPA - *NRC's Human Capital Challenges*, Sarah J. Lynch, U.S. Government Accountability Office (GAO) - *New Plant Construction Labor Challenges*, Dale Lloyd, Southern Nuclear - *Making Sense Out of Science*, Steven Kerekes, Nuclear Energy Institute (NEI) **Session Contact:** Tilda Liu, NRC/NRR, tel: (301) 415-1315 e-mail: TYL1@nrc.gov

4:00pm – 5:30 pm Salon F	**Generic Safety Issue (GSI) 191** Track 1 – Operating Reactors GSI-191, applicable to pressurized water reactors, concerns the potential for inadequate core cooling during sump recirculation following a loss-of-coolant accident. Licensees and the NRC have placed major emphasis on resolution of this issue, and the NRC expects licensees resolve sump clogging issues by the end of 2007. This session provides an update on the NRC's regulatory activities regarding GSI-191 and industry perspectives on progress in addressing the issue. **Session Chair:** Thomas Martin, NRC/NRR **Panelists:** - *Generic Safety Issue 191: Status and Path Forward*, Michael Scott, NRC/NRR - *Generic Safety Issue 191: NRC-Sponsored Research*, Ervin Geiger, NRC/RES - *Generic Safety Issue 191: Chemical Effects Update*, Paul Klein, NRC/NRR - *Resolution of GSI-191: Industry Actions and Schedule*, John Butler, Nuclear Energy Institute (NEI) - *Fort Calhoun Station Water Management Initiative*, Joseph Gasper, Omaha Public Power District **Session Contact:** Michael Scott, NRC/NRR, tel: (301) 415-0565 e-mail: MLS3@nrc.gov
4:00pm – 5:30 pm Salons B and C	**New Reactor Rulemaking** Track 2 – New Reactors The NRC is pursuing several rulemakings that are intended to improve regulatory programs including the review of combined license applications, and the regulation of construction activities for new plants. Rulemakings to be discussed include changes to Part 52 that modify the licensing process, limited work authorizations, fitness for duty requirements for construction; access authorization, and security issues for new reactors. This session will focus on implementation issues for rules that have been finalized, and provide a forum to discuss rules under consideration. **Session Chair:** Gary Holahan, NRC/NRO **Panelists:** - *Security Rulemakings - Impacts on New Reactor Licensing*, Doug Huyck, NRC/NSIR - *Challenges of New Reactor Rulemaking - the Regulator's Perspective,* Eileen McKenna, NRC/NRO - Industry *perspective on fitness-for-duty and security rulemakings for new plants,* Tony Pietrangelo, Nuclear Energy Institute (NEI) - *Industry Perspective on 10 CFR Part 52 and Limited Work Authorization Rulemakings,* Bryan Dolan, Duke Energy **Session Contact:** Donna Williams, NRC/NRO, tel: (301) 415-1322 e-mail: DMS6@nrc.gov

4:00pm – 5:30 pm
Salon A

Fire Research: Integrating Research into Practical Applications
Track 4 – Reactor Research

Fire research is a dynamic and growing area within the NRC's Office of Nuclear Regulatory Research (RES). This session will focus on two state-of-the-art research programs that were recently completed, specifically, Cable Response to Live Fire (CAROLFIRE) and Fire Modeling Verification and Validation (NUREG-1824). These RES products are designed to support the current fire protection licensing basis for nuclear power plants as well as those licensees voluntarily adopting the new 10 CFR 50.48c (NFPA 805).

Session Chair: Mark Salley, NRC/RES
Panelists:
- *Duke Armored Cable Spurious Actuation Fire Testing Program*, Harold Barrett, Duke Energy
- *Fire Model Verification and Validation for Nuclear Power Plant Applications*, Francisco Joglar, Electric Power Research Institute/SAIC
- *Development of a Cable Response Model and Fire Model Verification and Validation*, Kevin McGrattan, National Institute of Standards and Technology (NIST)
- *Cable Response to Live Fire (CAROLFIRE) Testing Program*, Steve Nowlen, Sandia National Laboratory
- *Current and Future Use of Fire Research in Inspections*, John Rogge, NRC/R-I

Session Contact: Kendra Hill, NRC/RES, tel: (301) 415-5456 e-mail: KLH@nrc.gov

4:00pm – 5:30 pm
White Flint Amphitheater

Risk-Informed Regulatory Activities
Track 5 – Risk-Informed Activities

Risk-informed activities continue to play an important role in nuclear power regulation. As a result, the NRC and industry have a large number of risk-informed initiatives underway or planned. This session will cover perspectives from both the NRC and industry on current risk-informed activities, risk-informed standards, and challenges associated with implementing risk-informed initiatives.

Session Chair: Cornelius Holden, NRC/NRR
Panelists:
- *Regulatory Guide 1.200 Implementation*, Michael Tschiltz, NRC/NRR
- *Limerick Generating Station: Risk Informed Initiative 5b - Surveillance Frequency Control Program*, Greg Krueger, Exelon Nuclear
- *The Value Proposition for PRA*, Biff Bradley, Nuclear Energy Institute (NEI)
- *Risk Management Standard's Activities for Today and Tomorrow's Nuclear Power Plants*, C.R. (Rick) Grantom, American Society of Mechanical Engineers (ASME) Committee on Nuclear Risk Management

Session Contact: Carolyn Lauron, NRC/NRR, tel: (301) 415-2736 e-mail: CLL@nrc.gov

4:00pm – 5:30 pm Brookside		**Nuclear Security** Track 6 - Security, Emergency Preparedness, Fuel Cycle The NRC's licensees have undergone a significant transformation concerning security since the events of September 11, 2001. This transformation started with the issuance of Orders from the NRC requiring increased levels of protection for licensees. The NRC has worked closely with U.S. Department of Homeland Security (DHS) to ensure the Federal response to security events is an integral part of the planning process. The NRC is proceeding with rulemaking to ensure the new levels of security at NRC licensees and the lessons-learned over the last 5 years are integrated into regulations. During this presentation, the panelists will discuss; the Department of Homeland Security's interactions with the NRC, the protection of risk-significant radioactive sources in the U.S., nuclear power plant security, and the nuclear power industry perspective on nuclear security today. **Session Chairs:** Dan Dorman, NRC/NSIR and Patricia Holahan, NRC/NSIR **Panelists:** - *Radioactive Source Security*, Mark Shaffer, NRC/NSIR - *Nuclear Security*, Rich Correia, NRC/NSIR - *Nuclear Sector Partnership*, Craig Conklin, U.S. Department of Homeland Security (DHS) - *Nuclear Security Industry Perspective*, Nelson Martin, Dominion **Session Contact:** Sheldon Stuchell, NRC/NSIR, tel: (301) 415-1847 e-mail: SXS10@nrc.gov

Wednesday, March 14, 2007

7:00 am – 5:00 pm Grand Ballroom Foyer	Registration
8:00 am – 5:00 pm Lower Level	Internet and Print Center
9:45 am – 4:15 pm Lower Level	NRC Headquarters Operations Center Tours (registration required) **Please note that the tour shuttle will depart on the Lower Level entrance ten (10) minutes prior to your scheduled tour time.*
8:30 am – 9:30 am Grand Ballroom	**Commissioner Plenary** *Perspective on Nuclear Regulation,* Commissioner Gregory B. Jaczko
9:30 am – 10:00 am Grand Ballroom Foyer	Break
10:00 am – 11:30 am Salons G and H	**New Reactor Guidance for Applications and Reviews** Track 2 – New Reactors Standardization is the key to effective and efficient preparation of combined license applications and the subsequent NRC review of those applications. The development and use of guidance documents by the applicants and by the NRC staff are important to our efforts to take full advantage of standardization. This session will provide updates on the status of key regulatory guidance documents such as the standard review plan and regulatory guides as well as insights from those using the guidance to prepare combined license applications. **Session Chair:** Tom Bergman, NRC/NRO **Panelists:** - *Perspective of a Design Certification Applicant on New Reactor Application and Review Guidance*, Sandra Sloan, Areva NP, Inc. - *COL Applicant Perspectives on New Reactor Application and Review Guidance*, George A. Zinke, Entergy Nuclear/NuStart Energy Development - *Industry Perspective on COL Application and Review Guidance*, Russell J. Bell, Nuclear Energy Institute (NEI) - *Relevant Experience from Recent Licensing Reviews of Major Fuel Cycle Facilities*, Joseph G. Giitter, NRC/NMSS - *Guidance Documents for NRC Staff and Applicants*, Stephen S. Koenick, NRC/NRO **Session Contact:** Bill Reckley, NRC/NRO, tel: (301) 415-1323 e-mail: WDR@nrc.gov

10:00 am – 11:30 am
Salon B and C

Lessons Learned from International Operating Experience
Track 1 – Operating Reactors

The sharing of operating experience and lessons learned amongst regulators and utilities is essential for the continued safe operation of the world's nuclear power plants. This session will provide recent operating experience and lessons learned from several of the NRC's international regulatory counterparts. This exchange of operating experience will allow the NRC, other regulators, and the nuclear industry to benefit from issues that have occurred in other countries.

Session Chairs: Mary Jane Ross-Lee, NRC/NRR, and Janice Dunn Lee, NRC/OIP
Panelists:
- *International Operating Experience (OpE),* Mary Jane Ross-Lee, NRC/OIP
- *Operating Experience Feedback in Germany Practice and Challenge*, Wolfgang Renneberg, Federal Ministry for the Environment – Germany
- *Utilization of Operating Experience*, Petteri Tiippana, Radiation and Nuclear Safety Authority (STUK) - Finland
- *Evolution of the Canadian Approach to Safety*, Linda Keen, Canadian Nuclear Safety Commission
- *Methods Used in Russia for Analysis of NPP Operating Experience. Application of the Results of Analysis for Decision-Making in the Field of Nuclear Safety Regulation*, Nikolai Yurasov, Federal Service for Ecological, Technological and Nuclear Oversight – Russia * "Yurosov was unable to attend, but submitted his presentation for disbursement".

Session Contacts: Brett Rini, NRC/NRR, tel: (301) 415-3931 e-mail: BAR3@nrc.gov and Kirk Foggie, tel: (301) 415-2238, e-mail: KXF@nrc.gov

10:00 am – 11:30 am
Brookside

NRC TRACE Code Activities
Track 4 – Reactor Research

For the past several years, development of the NRC's thermal-hydraulic code known as the TRAC/RELAP Advanced Computational Engine (TRACE) has focused on consolidation of the capabilities and functions of its predecessor codes: TRAC-P, TRAC-B, RELAP5, and RAMONA. There have also been significant efforts to develop TRACE capabilities to assist in the review and evaluation of new reactors. The result of these efforts is a code that has considerable capability and versatility. The NRC staff is concluding its comprehensive assessment of the code and will share with the nuclear community the TRACE development process and results of recent code assessments. In addition, the staff has developed and will demonstrate the Symbolic Nuclear Analysis Package (SNAP), a graphical user interface system designed to support several NRC nuclear analysis codes, including TRACE. SNAP allows code users to more effectively and efficiently develop input models for plant safety analyses, and provides improved data visualization and animated playback of simulations.

Session Chair: William "Butch" Burton, NRC/RES
Panelists:
- *Overview of TRACE v5.0*, Christopher Murray, NRC/RES
- *SNAP: Symbolic Nuclear Analysis Package*, Chester Gingrich, NRC/RES, and Ken Jones, NRC/RES
- *Evaluation of TRACE for Advances BWR LOCAs*, Kent Welter, NRC/RES

Session Contact: Andrew Ireland, NRC/RES, tel: (301) 415-6061 e-mail: AJI1@nrc.gov

10:00 am – 11:30 am
Salon A

Proposed Geological Repository at Yucca Mountain
Track 6 - Security, Emergency Preparedness, Fuel Cycle

The proposed geologic repository at Yucca Mountain, Nevada, has been beset by complex political, legal, budgetary and technical issues since its inception, causing numerous delays. Nuclear utilities want the Federal government to fulfill its obligation to take the spent nuclear fuel rather than continuing to rely on interim storage; the State of Nevada is opposed to the proposed site. The Department of Energy, responsible for the construction and operation of the proposed repository, faces many challenges to submitting a high-quality license application by its publicized date of June 30, 2008. Concurrently, NRC, the responsible regulatory agency, is preparing to review and adjudicate the application. This session will summarize the current state of affairs regarding the proposed repository.

Session Chair: Lawrence Kokajko, NRC/NMSS
Panelists:
- *Used Nuclear Fuel – Integrated Management*, Steve Kraft, Nuclear Energy Institute (NEI)
- *Last Gasp at Yucca: Nevada's Perspective on Current Yucca Mountain Developments*, Martin Malsch, State of Nevada
- *Update on Licensing the Proposed DOE Repository at Yucca Mountain*, Jack Davis, NRC/NMSS
- *Yucca Mountain Project Update*, Ward Sproat, U.S. Department of Energy (DOE)

Session Contact: David W. Pstrak, NRC/NMSS, tel: (301) 415-7260 e-mail: DWP1@nrc.gov

10:00 am – 11:30 am
Salon F

Contaminated Groundwater/Lessons Learned Task Force
Track 3 – Stakeholder Communications

In response to inadvertent unmonitored releases of radioactive effluents from nuclear power plants, the NRC and the industry have taken several actions. Some of these actions include the establishment of the NRC Liquid Radioactive Release Lessons Learned Task Force; revisions to the NRC public radiation cornerstone inspection procedure; and the Industry Groundwater Protection Initiative. This session will discuss the circumstances that contributed to unplanned liquid effluent releases; the industry and NRC actions in response; and the reactions of the public and other external stakeholders. Additionally the session will provide an overview of NRC and industry future plans.

Session Chair: Stuart Richards, NRC/NRR
Panelists:
- *NRC Actions and Plans for Unplanned Liquid Effluent Releases*, Steven Garry, NRC/NRR
- *NRC Region I Experiences*, Randolph Blough, NRC/R-I
- *Nuclear Industry Initiative on Groundwater Protection*, Ralph Andersen, Nuclear Energy Institute (NEI)
- *Contaminated Groundwater/Lesson Learned Task Force*, Tom O'Neill, Exelon Nuclear

Session Contact: Katherine Streit, NRC/NRR, tel: (301) 415-3299 e-mail: KNS1@nrc.gov

10 :00 am – 11:30 am White Flint Amphitheater	**10 CFR 50.46 and Acceptance Criteria** Track 5 – Risk-Informed Activities The NRC is considering changes to 10 CFR 50.46 and its acceptance criteria to make the rule risk-informed. The draft rule for a proposed 10 CFR 50.46a option includes a LOCA break spectrum that is divided into two regions. A "transition break size" (TBS) has been defined, based on frequency and other considerations. Breaks smaller than the TBS would be analyzed using current 10 CFR 50.46 methods and acceptance criteria. Breaks larger than the TBS would be subject to less stringent analysis criteria and assumptions, but mitigation capability up to a full double-ended guillotine break would have to be demonstrated. The NRC is also considering a revision to the 10 CFR 50.46 acceptance criteria. To accomplish this, the NRC and industry have performed research on conventional and advanced cladding materials to establish a basis for this change. Invited panelists will discuss the status of proposed 50.46 rule change and possible changes to the acceptance criteria. **Session Chair:** Stephen Bajorek, NRC/RES **Panelists:** - *Status of the Proposed 10 CFR 50.46a Risk-Informed ECCS Rulemaking*, Richard Dudley, NRC/NRR - *ACRS Position on the Proposed 1 0CFR 50.46 Rule*, Thomas Kress, Advisory Committee on Reactor Safeguards - *Industry Perspective on 10 CFR 50.46 Rulemaking*, Jeffrey Gasser, Southern Nuclear Operating Company - *Fuel Research and 10 CFR 50.46 Acceptance Criteria*, Ralph Meyer, NRC/RES - *Industry's Perspective on Acceptance Criteria*, Odelli Ozer, Electric Power Research Institute (EPRI) **Session Contact:** Peter Cochran, NRC/RES, tel: (301) 415-5887 e-mail: PAC2@nrc.gov
11:30 am – 11:45 am	Break
11:45 am – 12:45 pm Grand Ballroom	**Commissioner Plenary** *Asking the Tough Questions, Making the Tough Calls – Regulatory Issues in Challenging Times,* Commissioner Peter B. Lyons
12:45 pm – 1:00 pm	Break
1:00 pm – 2:30 pm Salons B and C	NEI Luncheon – ($55.00 per attendee – registration required) and Poster Presentations and Table Top Displays **To register for the Luncheon, visit the NEI table located in the Grand Ballroom Foyer*

2:30 pm – 4:00 pm White Flint Amphitheater		**Construction Inspection Program** Track 2 – New Reactors NRC desires an inspection program that ensures construction of a safe facility, and one that is efficient, effective and provides meaningful information for all stakeholders. Providing a crisp background on the agency's activities to date, this panel will focus on key aspects of the inspection program including - oversight program resources and focus, the general construct of the construction inspection program, the performance assessment and enforcement processes, reporting methods and public interactions, utility and vendor perspectives and needs, and public concerns and perspectives. **Session Chairs:** Glenn Tracy, NRC/NRO and Loren Plisco, NRC/R-II **Panelists:** - *NRC Perspective on Construction Inspection*, Glenn Tracy, NRC/NRO - *Field Office Perspective on Construction Inspection*, Loren Plisco, NRC/R-II - *Industry Perspective on Construction Inspection*, Marilyn Kray, Exelon Nuclear - *Industry Perspective on Construction Inspection*, Russ Bell, Nuclear Energy Institute (NEI) - *Reactor Prenatal Care*, David Lochbaum, Union of Concerned Scientists (UCS) **Session Contact:** Rick Rasmussen, NRC/NRO, tel: (301) 415-1340 e-mail: RAR@nrc.gov
2:30 pm – 4:00 pm Salon F		**Environmental Models for Dose Assessment** Track 4 – Reactor Research The NRC assesses radiation doses to humans from routine and non-routine radiological releases at nuclear facilities. Modeling the features, events, and processes associated with both the release of radiological materials and exposure to humans enables the NRC to develop exposure scenarios, calculate radiation doses to individuals and populations, and verify regulatory compliance. Modeling these parameters and pathways is complex, especially as uncertainties are associated with the movement of radiological materials and possible human exposure pathways. This session's presentations and panel discussion will provide insights into the overall modeling process, including the estimation of parameters, identification of uncertainties, and the use of monitoring information to evaluate results and understand dose estimates. **Session Chair:** Sher Bahadur, NRC/RES **Panelists:** - *Overview of NRC Environmental-Exposure Assessment*, Ralph Cady, NRC/RES - *Uncertainty and Parameter Estimation Associated with Multimedia Environmental Models*, Thomas Nicholson, NRC/RES - *Dose Assessment*, Terry Brock, NRC/RES - *Assessing Food Chain Pathways in Biosphere Models*, Bruce Napier, Pacific Northwest National Laboratory (PNNL) - *Multimedia Environmental Models for Assessing Contaminant Migration and Dose*, Gene Whelan, Pacific Northwest National Laboratory (PNNL) **Session Contact:** Adam Schwartzman, NRC/RES, tel: (301) 415-8172 e-mail: ALS2@nrc.gov

2:30 pm – 4:00 pm Brookside	**Spent Fuel Storage & Transportation** Track 6 - Security, Emergency Preparedness, Fuel Cycle This session will include a discussion of recent developments and practices for storage and transportation of spent fuel. The discussions will include recent developments, regulatory review experience and rules of engagement, pressing technical and licensing issues, openness and stakeholder outreach. Invited speakers will represent a broad spectrum of industry, DOE and stakeholder views and comments. **Session Chair:** William Ruland, NRC/NMSS **Panelists:** - *Advancing Dry Storage and Transportation Licensing*, Steven P. Kraft - Nuclear Energy Institute (NEI) - *State of Nevada Perspective on Spent Nuclear Fuel Storage and Transportation*, Robert Halstead - Consultant to the State of Nevada - *Transportation, Aging, and Disposal (TAD) Canister System Status,* Chris Kouts, DOE Office of Civilian Radioactive Waste Management - *Perspectives on Spent Fuel Storage and Transportation*, Maureen Conley - Freelance writer with Platts/McGraw-Hill - *Results of Security Survey Conducted by the Midwestern Radioactive Materials Transportation Committee and State Issues Related to Security for Spent Nuclear Fuel Shipments* ,Tim Runyon, Illinois Emergency Management Agency **Session Contact:** Bernard White, NRC/NMSS, tel: (301) 415-8515 e-mail: BHW@nrc.gov
2:30 pm – 4:00 pm Salon A	**Rulemaking** Track 3 – Stakeholder Communications The NRC uses the rulemaking process as one of the regulatory tools to develop new, or enhance existing, regulations as part of its responsibility for licensing and regulating nuclear facilities and materials. Compliance with NRC rules are demonstrated by meeting the requirements set forth in rule implementation guidance documents. This session will focus on a number of challenges involving the development of strategic-level rule requirements and their effective implementation at the user-level through guidance documents, interaction with various stakeholders affected by the rule, and verification of compliance with rule. **Session Chair:** Michael Case, NRC/NRR **Panelists:** - *Implementation and Inspection Challenges*, Russell Gibbs, NRC/NRR - *Implementation Process Challenges*, Tim Reed, NRC/NRR - *Rule Implementation Guidance*, Jack Roe, Nuclear Energy Institute (NEI) - *NRC Proposed Rule 10 CFR 26 Subpart I: Managing Fatigue*, Joe Bauer, Exelon Nuclear **Session Contact:** David Diec, NRC/NRR, tel: (301) 415-2834 e-mail: DTD@nrc.gov

2:30 pm – 4:00 pm Salon H	**Reactor Inspection and Assessment** Track 1 – Operating Reactors Safety culture is that assembly of characteristics and attitudes in organizations and individuals which establishes that, as an overriding priority, nuclear plant safety issues receive the attention warranted by their significance. This session will focus on the recent Reactor Oversight Process (ROP) inspection and assessment program changes related to the safety culture initiative. The panelists will provide insights into the implementation of these changes, as well as some other ongoing initiatives to enhance the ROP. **Session Chair:** Elmo Collins, NRC/NRR **Panelists:** - *Safety Culture Enhancements: An Ongoing Process*, Marc Dapas, NRC/R-I - *Safety Culture Enhancements: An Ongoing Process*, James Andersen, NRC/NRR - *NEI Reactor Oversight Process Task Force*, Julie Keys, Nuclear Energy Institute (NEI) - *Safety Culture - Application and Insights*, Darin Benyak, Exelon Nuclear **Session Contact:** Thomas Hedigan, NRC/NRR, tel: (301) 415-1596 e-mail: TEH1@nrc.gov
2:30 pm – 4:00 pm Salon G	**Safety Margin Work** Track 5 – Risk-Informed Activities The safety margin concept is fundamental to reactor safety. This session places safety margin in historical context, and discusses its role in licensing analyses both in the US and internationally. The session will also cover how safety margins can be considered in evaluating risk. A methodology devised by the Office of Nuclear Regulatory Research to integrate risk and safety margins will be presented, and potential applications of this methodology will be explored. Four presentations are planned; they will be given by NRC and ACRS staff, as well as an international expert. **Session Chair:** Farouk Eltawila, NRC/RES **Panelists:** - *Historical Perspectives on Safety Margins*, Michael Réocreux, Institut de Radioprotection et de Sûreté Nucléaire Cadarache, France - *The Role of Safety Margins in Licensing Calculations*, Ralph Landry, NRC/NRR - *Frequency-Consequence Type Risk Guidelines*, Tom Kress, Advisory Committee on Reactor Safeguards - *Integrating Risk and Safety Margins*, Mirela Gavrilas, NRC/RES **Session Contact:** Ilka Berrios, NRC/RES, tel: (301) 415-4055 e-mail: IXB3@nrc.gov
4:00 pm – 4:30 pm	Break
4:30 pm – 5:30 pm Grand Ballroom	**Special Session: Multinational Design Evaluation Program (MDEP) Update** Many regulators around the world are now faced with the task of reviewing new nuclear power plant designs. Our stakeholders expect that we will conduct these reviews in an effective and efficient manner. The MDEP seeks to leverage the experience and knowledge of regulators around the world in the licensing of these new reactor designs, while at the same time, serving as a catalyst to enable the convergence of applicable codes, standards, and regulations. During this session you will hear about recent developments within the MDEP, including possible applications to future regulatory activities. **Session Chairs:** Dale E. Klein, Ph.D., Chairman, NRC and André-Claude Lacoste, Chairman, Nuclear Safety Authority (ASN) **Invited Speaker:** - *MDEP Stage 1 Overview*, André-Claude Lacoste, Chairman, Nuclear Safety Authority (ASN) - *Multinational Design Evaluation Program Stage 2*, Javier Reig, Nuclear Energy Agency (NEA) - France

		Session Contacts: Michael Cullingford, NRC/NRR, tel: (301) 415-1276 e-mail: MCC@nrc.gov and Jeffrey Jacobson, NRC/OIP, tel: (301) 415-2977 e-mail: JBJ@nrc.gov

Thursday, March 15, 2007

7:00 am – 12:00 pm Grand Ballroom Foyer	Registration
8:00 am – 5:00 pm Lower Level	Internet and Print Center
7:30 am – 5:00 pm Lower Level	NRC Headquarters Operations Center Tours (registration required) **Please note that the tour shuttle will depart on the Lower Level entrance ten (10) minutes prior to your scheduled tour time.*
8:00 am – 9:30 am Salon A	**Severe Accident Research and Regulatory Applications** Track 4 – Reactor Research Research studies of severe accidents assess the detailed behavior of reactor and containment systems, including the means by which these accidents may be prevented or mitigated. Severe accident analysis addresses fuel damage, progression of accident scenarios, ability to maintain damaged fuel within the reactor pressure vessel and the ability to confine radiation release within the containment building. Severe accident methodologies can also be applied to spent fuel storage and non-reactor facilities. Severe accident analysis is a key component of level 2 and level 3 PRA and is increasingly used to risk inform regulatory criteria. This session includes application of severe accident research to spent fuel issues, critical benchmarking of severe accident methods, and use of severe accident analysis to guide future regulatory source term criteria for reactors. **Session Chair:** Charles Tinkler, NRC/RES **Panelists:** - *More Realistic Analysis of Spent Fuel Pool Accident Progression*, Jason Schaperow, NRC/RES - *Flow and Heat Transfer Experiments for BWR Spent Fuel Assemblies Under Loss-of Coolant Conditions*, Ghani Zigh, NRC/RES - *The Need to Identify Cornerstone Benchmarks*, Robert E. Henry, Fauske & Associates, LLC - *Severe Accident Predictive Tools and their Application to Reactor Regulation*, Randall O. Gauntt, Sandia National Laboratories **Session Contact:** Daniel Forsyth, NRC/RES, tel: (301) 415-5674 e-mail: DCF1@nrc.gov

8:00 am – 9:30 am Salon B and C		**International Lessons Identified from Construction & Inspection for New Reactors** Track 2 – New Reactors Around the globe, there has been a resurgence of interest in nuclear power. While U.S. utilities are still evaluating the timing and magnitude of new nuclear power plant construction, nuclear power plants elsewhere are being constructed, and regulators are fulfilling their role to help ensure the quality and integrity of the completed facility. During this session, we will hear from several regulators that have recent experience in inspecting new plant construction. By sharing such information, we hope to create an environment where regulators can learn from each other, and where lessons learned can be incorporated into developing programs. **Session Chairs:** Janice Dunn-Lee, NRC/OIP, and Gene Imbro, NRC/NRO **Panelists:** - *Challenges in Licensing and Inspection of OL3*, Petteri Tiippana, Radiation and Nuclear Safety Authority (STUK) - Finland - *Pre-Operational Inspection Experience in Korea*, Yong Ho Ryu, Korea Institute of Nuclear Safety (KINS) – South Korea - *Main Items of Construction Inspection of NPP in China*, Jun Wang, State Environmental Protection Administration (SEPA) - China - *Inspection in Japan*, Hisanori Nei, Nuclear Industrial Safety Agency (NISA) - Japan **Session Contact:** Kirk Foggie, NRC/OIP, tel: (301) 415-2238 e-mail: KXF@nrc.gov

8:00 am – 9:30 am Brookside	**GNEP and Fuel Cycle** Track 6 - Security, Emergency Preparedness, Fuel Cycle This session will discuss U.S. DOE's Global Nuclear Energy Partnership and its role in closing the nuclear fuel cycle. DOE will summarize the GNEP Strategic Plan, the proposed technologies, and the overall goals for GNEP. NRC will discuss potential regulatory approaches to licensing commercial facilities that may be built to accomplish GNEP goals. NEI will discuss the nuclear industry's views on the need for and timing of GNEP. **Session Chair:** Robert Pierson, NRC/NMSS **Panelists:** - *GNEP and Fuel Cycle Introductory Remarks*, Robert Pierson, NRC/NMSS - *The DOE Global Nuclear Energy Partnership Strategic Plan*, Buzz Savage, Office of Nuclear Energy, DOE - *Regulatory Options for Licensing Commercial GNEP Facilities*, Joseph Giitter, Special Projects and Technical Support Directorate - *GNEP Transmutation Fuel Development*, Frank Goldner, Idaho National Laboratories - *The Global Nuclear Energy Partnership in the Nuclear Energy Commercial Sector*, Felix Killar, Nuclear Energy Institute (NEI) – Panel Participant - *Proposed Path to Deploy GNEP's CFTC*, Earl Saito, GE Nuclear, Wilmington, North Carolina **Session Contact:** Priya Yadav, NRC/NMSS, tel: (301) 415-6667 e-mail: PPY@nrc.gov
8:00 am – 9:30 am Salons G and H	**Use of PRA Techniques for the Evaluation of Reactor Operating Experience (Events and Conditions, Inspection Findings)** Track 5 – Risk-Informed Activities This session will introduction how risk analyses are used within the NRC and by industry to evaluate the risk significance of events and conditions identified by licensees and/or NRC inspections. The discussions will include regulatory risk analysis tools and methods, important technical issues that can cause significant differences between NRC and licensee risk analyses, including the risk significance of inspection findings, and industry perspectives on use of licensee PRAs. **Session Chair:** Patrick Baranowsky, NRC/RES **Panelists:** - *Overview on the Different Risk Analyses Performed by the NRC and How the Results are Used*, Patrick Baranowsky, NRC/RES - *Introduction into SPAR Models*, Robert Buell, Idaho National Laboratory (INL) - *Risk Assessment Tools and Processes in Operational DecisionMaking: an RR Perspectives*, Michael Franovich, NRC/NRR - *Unresolved Technical Issues The Cause Differences Between NRC and Licensee Analysis Results*, Pete Appignani, NRC/RES - *PRA Techniques for the Evaluation of Reactor Operating Experience*, Gerald Sowers, APS **Session Contact:** Chris Hunter, NRC/RES, tel: (301) 415-4127 e-mail: CSH3@nrc.gov

8:00 am – 9:30 am White Flint Amphitheater * - Panelists does not have formal presentations or hand outs	**Emerging Issues: Electrical** Track 1 – Operating Reactors A panel session will be held divided into two panels. The first panel will be a general discussion on the design and reliability of digital instrumentation and control systems with a focus on associated NRC activities and international experience. The second panel will discuss power cable management programs with a focus on medium voltage inaccessible and underground power cables. **Session Chair:** Patrick Hiland, NRC/NRR **Panelists:** - Allen G. Howe, NRC/NRR , Panel Participant * - Alex Marion, Nuclear Energy Institute (NEI), Panel Participant * - *Regulatory Overview of Digital I&C in Taiwan Lungmen Project*, Chang-Fu Chuang, Taiwan Atomic Energy Counsel - *Introduction to APR1400 Man-Machine Interface System*, Sam Sung Choi, Korea Hydro and Nuclear Power - *Overview of NRC Activities Related to Power Cable Management*, George A. Wilson, NRC/NRR - *Underground Medium Voltage Cable Failures and Status of Testing*, Alex Marion, Nuclear Energy Institute (NEI) - *Underground Medium Voltage Cable Testing*, Kent Brown, Tennessee Valley Authority **Session Contact:** Matthew McConnell, NRC/NRR, tel: (301) 415-1597 e-mail: MXM4@nrc.gov
8:00 am – 9:30 am Salon F	**Preparedness for Pandemic Avian Influenza** Track 3 – Stakeholder Communications The NRC is working with other Federal agencies and industry to assess the effects of a pandemic on the operation of nuclear power plants. The panel will address the challenges associated with maximizing the availability of critical infrastructure while simultaneously maintaining an acceptable level of safety in light of long-term reduced staffing. **Session Chair:** Melvyn Leach, NRC/NSIR **Panelists:** - *Nuclear Sector Pandemic Preparedness - Plans, Initiatives and Posture*, Vijay Nilekani, Nuclear Energy Institute (NEI) - *Preparedness for Pandemic Influenza*, Frederick Kass, U.S. Department of Health and Human Services - Office of the Assistant Secretary for Preparedness and Response - *NRC and the Pandemic*, Christopher Jackson, NRC/NRR **Session Contact:** Janelle Jessie, NRC/NSIR, tel: (301) 415-6775 e-mail: JRB6@nrc.gov
9:30 am – 10:00 am	Break

10:00 am – 11:30 am Salon A	**Operating Reactor Licensing** Track 1 – Operating Reactors This session will discuss the impact on Operating Reactor Licensing of generic issues, including regulatory changes, budgets, and industry needs. The panel will discuss how these issues impact NRC, individual licensees, and the nuclear industry as a whole. The panel will address the impact of these generic issues and possible improvements to address the issues proactively. **Session Chair:** Catherine Haney, NRC/NRRMo **Panelists:** - Operating Reactor Licensing, Catherine Haney, NRC/NRR - *Changes in NRC Processes and Their Impact on Operating Reactor Licensing*, John Lubinski, NRC/NRR - *The Changing Regulatory Environment and Its Growing Impact on Licensing and Site Personnel*, Brian McCabe, Progress Energy - *Resource Impacts from Regulatory Change - A Utility's Perspective*, Keith Jury, Exelon Generation Company, LLC - *The Role of NEI LATF and Managing the Imposition of Preliminary Generic Positions During Plant-Specific Licensing Actions and Inspections*, Donald Woodlan, TXU Power **Session Contact:** Robert Kuntz, NRC/NRR, tel: (301) 415-3733 e-mail: RFK@nrc.gov
10:00 am – 11:30 am Salons B and C	**Environmental Reviews for New Reactors** Track 2 – New Reactors This session will address the roles of characteristic organizations expected to participate with prospective applicants at various stages in the development of a nuclear power project to identify the requisite information needs to conduct activities before, during, and after the development of the applicant's environmental report (ER). The ER is submitted to the NRC as part of its early site permit (ESP) or combined license (COL) application and is the starting point for NRC's independent evaluation. Early contact with resource and authorizing agencies is essential to ensure that all of the necessary permits are in process as the NRC fulfills its National Environmental Policy Act responsibilities before it can issue an ESP or COL. **Session Chair:** James Lyons, NRC/NRO **Panelists:** - *PE Environmental Assessment and Innovation*, Kevin Magerr, U.S. Environmental Protection Agency (EPA) - *Environmental Reviews: The Role of the SHPO*, Ethel Eaton, Virginia Department of Historic Resources - *Environmental Permits for New Reactors*, Theodore J. Bowling, Duke Energy - *Environmental Reviews for New Reactors*, Tamar Cerafici, CH2M HILL **Session Contact:** *SHPO Supplemental Presentation*, Michael Willingham, NRC/NRO, tel: (301) 415-3924 e-mail: MHW1@nrc.gov

10:00 am – 11:30 am Brookside	**Consequence Analysis** Track 4 – Reactor Research The NRC is conducting a 3-year State-of-the-Art Reactor Consequence Analysis (SOAR-CA) project to estimate the possible consequences in the unlikely event of a nuclear power plant accident. Accident assessment tools have been used since their creation in the 1970s to help focus attention on reactor design and operational features that are most important to safety. SOAR-CA will take maximum advantage of national and international reactor safety research, as well as improved NRC regulatory requirements and nuclear industry initiatives over the past 25 years. **Session Chair:** Farouk Eltawila, NRC/RES **Panelists:** - *Objectives and Plans for the State-of-the-Art Reactor Consequence Analysis Program*, Charles Tinkler, NRC/RES - *Fundamental Issues for Consequence Analyses*, Robert Henry, Fauske and Associates, LLC - *Current Activities on Accident Consequences Analysis at Institute for Radiological Protection and Nuclear Safety*, Emmanuel Raimond, Institute for Radiological Protection and Nuclear Safety-France -*Progress in Predictive Technology for Severe Accident Progression and Consequence Assessment Since 1982 Study*, Randall Gauntt, Sandia National Laboratories **Session Contact:** Paulette Torres, NRC/RES, tel: (301) 415-5656 e-mail: PAT3@nrc.gov
10:00 am – 11:30 am Salon F	**Communications During Incidents** Track 3 – Stakeholder Communications In response to an event at a nuclear facility, interoperability not only allows various groups to work closer, but it also facilitates a faster and more efficient means of communication. The panel will address current trends in communication and collaborative tools which can benefit all stakeholders while specifically reducing the burden on licensees. **Session Chair:** Melvyn Leach, NRC/NSIR **Panelists:** - *Incident Response-Stakeholder Communications*, Holly Harrington, NRC/OPA - *Licensee Communications*, Walter Lee, Southern Company - *Welcome to Tomorrow: Recreating the Joint Information Center in a Virtual World*, Donald Maurer, State Emergency Management Office – New York **Session Contact:** Janelle Jessie, NRC/NSIR, tel: (301) 415-6775 e-mail: JRB6@nrc.gov

10:00 am – 11:30 am Salons G and H		**Advanced Reactor Designs** Track 2 – New Reactors This session will provide an overview of reactor technologies that are significantly different from current light water reactors and that are being considered for NRC review. This session will focus on the challenges for licensing these designs. **Session Chair:** Charles Ader, NRC/NRO **Panelists:** - *PBMR Nuclear Power Beyond Electricity*, Edward Wallace, Pebble Bed Modular Reactor - *Research for the Next Generation,* Thomas O'Connor, Deputy Director, Office of Gas Reactor Deployment - *Advanced Reactors: NUREG-1368 Applicability to Global Nuclear Energy Partnership*, Eric Loewen, GE Nuclear - *Global Nuclear Energy Partnership: Potential Regulatory Approaches for the Advanced Burned Reactor*, Robert Pierson, NRC/NMSS - *Getting Ready to License Next Generation Non-LWRs: What NRC is Doing Now*, Stuart Rubin, NRC/RES **Session Contact:** Charles Ader, NRC/NRO, tel: (301) 415-3256 e-mail: CEA@nrc.gov

10:00 am – 11:30 am White Flint Amphitheater		**Emerging Issues: Materials/Mechanical** Track 1 – Operating Reactors A panel session will be held by the Division of Component Integrity on "Emerging Issues (Materials and Mechanical Issues)," that will be chaired by Michele Evans, Director of DCI. The potential topics to be presented include: dissimilar metal butt welds, Duane Arnold cracking issues, steam generator issues, OM code comprehensive pump test issues, and research initiatives. The actual topics for this session will be finalized a few weeks prior to the RIC to ensure focus on issues of most current interest. **Session Chair:** Michele Evans, NRC/NRR **Panelists:** - *Introduction to Emerging Issues (Materials and Mechanical Issues),* Michele Evans, NRC/NRR - *Dissimilar Metal Butt Welds*, Edmund Sullivan, NRC/NRR - *Steam Generator Issues*, Kenneth Karwoski, NRC/NRR - *OM Code Comprehensive Pump Test Issues*, Jack McHale, NRC/NRR - *Research Initiatives,* Bill Cullen, NRC/RES and Amy Hull, NRC/RES - *Duane Arnold Cracking Issues*, Matthew Mitchell, NRC/NRR **Session Contact:** Meena Khanna, NRC/NRR, tel: (301) 415-2150 e-mail: MKK@nrc.gov
11:30 am – 1:00 pm Grand Ballroom Foyer		Lunch Break and Poster Presentations and Table Top Displays
1:00 pm – 2:30 pm Salon A		**Region I** Track 7 - Regional **Session Chair:** Samuel Collins, NRC/R-I **Panelists:** - *NRC Perspective,* Bruce Boger, NRC/NRR - *Industry Perspective*, Dave Christian, Dominion Resources **Session Contact:** Richard Barkley, NRC/R-I, tel: (610) 337-5065 e-mail: RSB1@nrc.gov
1:00 pm – 2:30 pm Salons B and C		**Region II** Track 7 - Regional **Session Chair:** William Travers, NRC/R-II **Panelists:** - *NRC Perspective*, Michael Weber, NRC/NRR - *NRC Perspective*, Loren Plisco, NRC/R-II - *Industry Perspective*, Jeffrey T. Gasser, Southern Nuclear Operating Company **Session Contact:** George Hopper, NRC/R-II, tel: (404)562-4645 e-mail: GTH1@nrc.gov
1:00 pm – 2:30 pm Salon F		**Region III** Track 7 - Regional **Session Chair:** James Caldwell, NRC/R-III **Panelists:** - *NRC Perspective,* Elmo Collins, NRC/NRR - *NRC Perspective,* John A. Stall, FPL Group **Session Contact:** Roger Lanksbury, NRC/R-III, tel: (630) 829-9631 e-mail: RDL@nrc.gov

1:00 pm – 2:30 pm Salons G and H		**Region IV** Track 7 - Regional **Session Chair:** Bruce Mallet, NRC/R-IV **Panelists:** - *NRC Perspective*, Jack Grobe, NRC/NRR - *Industry Perspective*, William Campbell, Entergy Nuclear South **Session Contact:** Jeffrey Clark, NRC/R-IV, tel: (817) 860-8185 e-mail: JAC@nrc.gov
2:30 pm – 3:30 pm Salon D		**Closing Session and Regional Wrap-up** Jim Dyer, Director, NRC/NRR, and Regional Administrators